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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/510,167	02/22/2000	R. Keith Hilpl	04529.79731	1554

7590   12/30/2003

OLIFF & BERRIDGE, PLC
P.O. BOX 19928
ALEXANDRA, VA 22320

EXAMINER
PHAM, THIERRY L

ART UNIT	PAPER NUMBER
2624	

DATE MAILED: 12/30/2003

Please find below and/or attached an Office communication concerning this application or proceeding.

PTO-90C (Rev. 10/03)

	Application No.	**Applicant(s)**
Interview Summary	09/510,167	HILPL ET AL.
	Examiner	**Art Unit**	
	Thierry L Pham	2624	

All participants (applicant, applicant's representative, PTO personnel):

(1) *Thierry L Pham*.   (3)*David Moore*.

(2) *Paul Daebeler*.   (4)_____.

Date of Interview: *23 December 2003*.

Type: a)☒ Telephonic   b)☐ Video Conference
       c)☒ Personal [copy given to: 1)☐ applicant   2)☐ applicant's representative]

Exhibit shown or demonstration conducted: d)☐ Yes   e)☒ No.
If Yes, brief description: _____.

Claim(s) discussed: *1,12,13,18,29,30,35,46 and 47*.

Identification of prior art discussed: _____.

Agreement with respect to the claims f)☐ was reached.   g)☐ was not reached.   h)☒ N/A.

Substance of Interview including description of the general nature of what was agreed to if an agreement was reached, or any other comments: *See Continuation Sheet*.
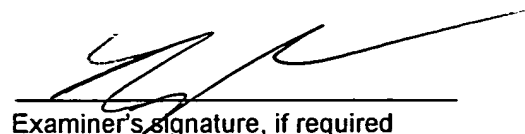
(A fuller description, if necessary, and a copy of the amendments which the examiner agreed would render the claims allowable, if available, must be attached. Also, where no copy of the amendments that would render the claims allowable is available, a summary thereof must be attached.)

THE FORMAL WRITTEN REPLY TO THE LAST OFFICE ACTION MUST INCLUDE THE SUBSTANCE OF THE INTERVIEW. (See MPEP Section 713.04). If a reply to the last Office action has already been filed, APPLICANT IS GIVEN ONE MONTH FROM THIS INTERVIEW DATE, OR THE MAILING DATE OF THIS INTERVIEW SUMMARY FORM, WICHEVER IS LATER, TO FILE A STATEMENT OF THE SUBSTANCE OF THE INTERVIEW. See Summary of Record of Interview requirements on reverse side or on attached sheet.

DAVID MOORE
SUPERVISORY PATENT EXAMINER
TECHNOLOGY CENTER 2600

Examiner Note: You must sign this form unless it is an
Attachment to a signed Office action.   Examiner's signature, if required

Summary of Record of Interview Requirements

Manual of Patent Examining Procedure (MPEP), Section 713.04, Substance of Interview Must be Made of Record
A complete written statement as to the substance of any face-to-face, video conference, or telephone interview with regard to an application must be made of record in the application whether or not an agreement with the examiner was reached at the interview.

Title 37 Code of Federal Regulations (CFR) § 1.133 Interviews
Paragraph (b)
In every instance where reconsideration is requested in view of an interview with an examiner, a complete written statement of the reasons presented at the interview as warranting favorable action must be filed by the applicant. An interview does not remove the necessity for reply to Office action as specified in §§ 1.111, 1.135. (35 U.S.C. 132)

37 CFR §1.2 Business to be transacted in writing.
All business with the Patent or Trademark Office should be transacted in writing. The personal attendance of applicants or their attorneys or agents at the Patent and Trademark Office is unnecessary. The action of the Patent and Trademark Office will be based exclusively on the written record in the Office. No attention will be paid to any alleged oral promise, stipulation, or understanding in relation to which there is disagreement or doubt.

The action of the Patent and Trademark Office cannot be based exclusively on the written record in the Office if that record is itself incomplete through the failure to record the substance of interviews.

It is the responsibility of the applicant or the attorney or agent to make the substance of an interview of record in the application file, unless the examiner indicates he or she will do so. It is the examiner's responsibility to see that such a record is made and to correct material inaccuracies which bear directly on the question of patentability.

Examiners must complete an Interview Summary Form for each interview held where a matter of substance has been discussed during the interview by checking the appropriate boxes and filling in the blanks. Discussions regarding only procedural matters, directed solely to restriction requirements for which interview recordation is otherwise provided for in Section 812.01 of the Manual of Patent Examining Procedure, or pointing out typographical errors or unreadable script in Office actions or the like, are excluded from the interview recordation procedures below. Where the substance of an interview is completely recorded in an Examiners Amendment, no separate Interview Summary Record is required.

The Interview Summary Form shall be given an appropriate Paper No., placed in the right hand portion of the file, and listed on the "Contents" section of the file wrapper. In a personal interview, a duplicate of the Form is given to the applicant (or attorney or agent) at the conclusion of the interview. In the case of a telephone or video-conference interview, the copy is mailed to the applicant's correspondence address either with or prior to the next official communication. If additional correspondence from the examiner is not likely before an allowance or if other circumstances dictate, the Form should be mailed promptly after the interview rather than with the next official communication.

The Form provides for recordation of the following information:
- Application Number (Series Code and Serial Number)
- Name of applicant
- Name of examiner
- Date of interview
- Type of interview (telephonic, video-conference, or personal)
- Name of participant(s) (applicant, attorney or agent, examiner, other PTO personnel, etc.)
- An indication whether or not an exhibit was shown or a demonstration conducted
- An identification of the specific prior art discussed
- An indication whether an agreement was reached and if so, a description of the general nature of the agreement (may be by attachment of a copy of amendments or claims agreed as being allowable). Note: Agreement as to allowability is tentative and does not restrict further action by the examiner to the contrary.
- The signature of the examiner who conducted the interview (if Form is not an attachment to a signed Office action)

It is desirable that the examiner orally remind the applicant of his or her obligation to record the substance of the interview of each case. It should be noted, however, that the Interview Summary Form will not normally be considered a complete and proper recordation of the interview unless it includes, or is supplemented by the applicant or the examiner to include, all of the applicable items required below concerning the substance of the interview.

A complete and proper recordation of the substance of any interview should include at least the following applicable items:
1) A brief description of the nature of any exhibit shown or any demonstration conducted,
2) an identification of the claims discussed,
3) an identification of the specific prior art discussed,
4) an identification of the principal proposed amendments of a substantive nature discussed, unless these are already described on the Interview Summary Form completed by the Examiner,
5) a brief identification of the general thrust of the principal arguments presented to the examiner,
   (The identification of arguments need not be lengthy or elaborate. A verbatim or highly detailed description of the arguments is not required. The identification of the arguments is sufficient if the general nature or thrust of the principal arguments made to the examiner can be understood in the context of the application file. Of course, the applicant may desire to emphasize and fully describe those arguments which he or she feels were or might be persuasive to the examiner.)
6) a general indication of any other pertinent matters discussed, and
7) if appropriate, the general results or outcome of the interview unless already described in the Interview Summary Form completed by the examiner.

Examiners are expected to carefully review the applicant's record of the substance of an interview. If the record is not complete and accurate, the examiner will give the applicant an extendable one month time period to correct the record.

Examiner to Check for Accuracy

If the claims are allowable for other reasons of record, the examiner should send a letter setting forth the examiner's version of the statement attributed to him or her. If the record is complete and accurate, the examiner should place the indication, "Interview Record OK" on the paper recording the substance of the interview along with the date and the examiner's initials.

Continuation of Substance of Interview including description of the general nature of what was agreed to if an agreement was reached, or any other comments: In response to attorney's request for an interview during the week of 12/22/03, a personal telephone interview was held on 12/23/03 regarding faxed amendments recevied on 12/19/03 from Paul Daebeler (see attached amendments).Applicants did not present formal arguments, but only proposed changes which we addressed as folows: Applicants overcome the 112, 1st paragraph regarding "policy" as recited in claims 1, 18, and 35. However, the applicants did not overcome the 112, 1st paragraph, regarding "itinerary" as recited in claims 12-13, 29-30, and 46-47.

DAVID MOORE
SUPERVISORY PATENT EXAMINER
TECHNOLOGY CENTER 2600

OLIFF & BERRIDGE, PLC

ATTORNEYS AT LAW

277 SOUTH WASHINGTON STREET
ALEXANDRIA, VIRGINIA 22314

TELEPHONE: (703) 836-6400
FACSIMILE: (703) 836-2787
E-MAIL: OBB@OLIFF.COM
WWW.OLIFF.COM

December 19, 2003

FACSIMILE TRANSMISSION COVER SHEET

To: Examiner Pham

       Fax No. 703-746-6298
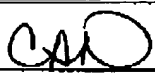
From: Paul F. Daebeler

Your Ref.:   09/510,167   Our Ref.:   109028

Number of Pages Sent (Including cover sheet):   10

Prepared By: can

Comments:

Sent by: _____

Xerox Docket No. D/99037

PATENT APPLICATION

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re the Application of

R. Keith KILPL et al.

Application No.: 09/510,167

Filed: February 22, 2000

Group Art Unit: 2624

Examiner: T. Pham

Docket No.:   109028

For: DYNAMIC ADDITION OF PROGRAMMING CONFLICTS FOR PROGRAMMING
CONFLICT CHECKING

AMENDMENT

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

PROPOSED

Sir:

In reply to the October 24, 2003 Office Action, please consider the following:

Amendments to the Claims as reflected in the listing of claims;

Remarks.

Amendments to the Claims:

The following listing of claims will replace all prior versions, and listings, of claims in the application:

1.   (Currently Amended) A method to program a printer comprising steps of:

initiating a save conflict mode; and

saving a user defined conflict by one of storing <u>user defined</u> print job attributes in a conflict list while in the save conflict mode and storing <u>user defined</u> conflict attributes based on the print job attributes while in the save conflict mode, the conflict attributes including at least one of a policy<u>a print schedule</u>, a capability and a constraint.

2.   (Original) The method of claim 1, wherein the step of storing print job attributes includes saving at least one of an enlargement/reduction parameter, an orientation, a simplex/duplex parameter, a sort parameter, a binding parameter, and a fed medium select parameter.

3.   (Original) The method of claim 1, wherein the step of initiating a save conflict mode includes:

receiving from a user at least one print job attribute that causes a conflict; and

recognizing a user initiated save conflict mode command.

4.   (Currently Amended) The method of claim 3, wherein the step of initiating a save conflict mode further includes verifying verifying that the user is an authorized user.

5.   (Original) A method to use a printer that has been programmed according to the method of claim 1, the method comprising steps of:

receiving from a user at least one job attribute that causes a conflict; and

checking the at least one received job attribute against the stored print job attributes.

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6.   (Original) The method of claim 5, further comprising steps of:

determining whether a conflict condition exists; and

displaying a conflict message when the conflict condition is determined to

exist.

7.   (Original) The method of claim 6, further comprising steps of:

initiating a delete conflict mode; and

deleting the stored print job attributes from the conflict list.

8.   (Original) The method of claim 7, wherein the step of initiating a delete

conflict mode includes recognizing a user initiated delete conflict mode command.

9.   (Currently Amended) The method of claim 8, wherein the step of initiating a

delete conflict mode further includes ~~varifying~~ verifying that the user is an authorized user.

10.   (Original) The method of claim 1, wherein the step of storing conflict

attributes includes formulating the conflict attributes based on at least one of an

enlargement/reduction parameter, an orientation, a simplex/duplex parameter, a sort

parameter, a binding parameter, and a fed medium select parameter.

11.   (Original) The method of claim 10, wherein the step of storing conflict

attributes includes reinitializing a scheduler after storing the conflict attributes.

12.   (Original) A method to use a printer that has been programmed according to

the method of claim 1, the method comprising steps of:

receiving from a user at least one job attribute that causes a conflict; and

checking for an itinerary to process a sheet according to the at least one

received job attribute.

13.   (Original) The method of claim 12, further comprising steps of:

determining whether an itinerary is unavailable due to a conflict condition; and

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displaying a conflict message when the itinerary is unavailable due to a

conflict condition.

14.   (Original) The method of claim 13, further comprising steps of:

initiating a delete conflict mode; and

deleting the stored conflict attributes.

15.   (Original) The method of claim 14, wherein the step of initiating a delete

conflict mode includes recognizing a user initiated delete conflict mode command.

16.   (Currently Amended) The method of claim 15, wherein the step of initiating a

delete conflict mode further includes ~~varifying~~ verifying that the user is an authorized user. |

17.   (Original) The method of claim 14, wherein the step of deleting the stored

conflict attributes includes reinitializing a scheduler after deleting the stored conflict

attributes.

18.   (Currently Amended) A printer comprising a processor and a plurality of

modules to control the processor, wherein the modules include:

a module to initiate a save conflict mode; and

one of a module to store <u>user defined</u> print job attributes in a conflict list while |

in the save conflict mode and a module to store <u>user defined</u> conflict attributes based on the

print job attributes while in the save conflict mode, the conflict attributes including at least

one of ~~a policy~~<u>a print schedule,</u> a capability and a constraint. |

19.   (Original) The printer of claim 18, wherein the module to store print job

attributes includes logic to save at least one of an enlargement/reduction parameter, an

orientation, a simplex/duplex parameter, a sort parameter, a binding parameter, and a fed

medium select parameter.

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20. (Original) The printer of claim 18, wherein the module to initiate a save conflict mode includes:

logic to receive from a user at least one print job attribute that causes a conflict; and

logic to recognize a user initiated save conflict mode command.

21. (Currently Amended) The printer of claim 20, wherein the module to initiate a save conflict mode further includes logic to ~~verify~~ verify that the user is an authorized user.

22. (Original) The printer of claim 18, further comprising:

a module to receive from a user at least one job attribute that causes a conflict; and

a module to check the at least one received job attribute against the stored print job attributes, the modules to initiate and store being operated before the module to receive.

23. (Original) The printer of claim 22, further comprising:

a module to determine whether a conflict condition exists; and

a module to display a conflict message when the conflict condition is determined to exist.

24. (Original) The printer of claim 23, further comprising:

a module to initiate a delete conflict mode; and

a module to delete the stored print job attributes from the conflict list.

25. (Original) The printer of claim 24, wherein the module to initiate a delete conflict mode includes logic to recognize a user initiated delete conflict mode command.

26. (Currently Amended) The printer of claim 25, wherein the module to initiate a delete conflict mode further includes logic to ~~verify~~ verify that the user is an authorized user.

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27. (Original) The printer of claim 18, wherein the module to store conflict attributes includes logic to formulate the conflict attributes based on at least one of an enlargement/reduction parameter, an orientation, a simplex/duplex parameter, a sort parameter, a binding parameter, and a fed medium select parameter.

28. (Original) The printer of claim 27, wherein the module to store conflict attributes includes logic to reinitialize a scheduler after storing the conflict attributes.

29. (Original) The printer of claim 18, further comprising:

a module to receive from a user at least one job attribute that causes a conflict; and

a module to check for an itinerary to process a sheet according to the at least one received job attribute.

30. (Original) The printer of claim 29, further comprising:

a module to determine whether an itinerary is unavailable due to a conflict condition; and

a module to display a conflict message when the itinerary is unavailable due to a conflict condition.

31. (Original) The printer of claim 30, further comprising:

a module to initiate a delete conflict mode; and

a module to delete the stored conflict attributes.

32. (Original) The printer of claim 31, wherein the module to initiate a delete conflict mode includes logic to recognize a user initiated delete conflict mode command.

33. (Currently Amended) The printer of claim 32, wherein the module to initiate a delete conflict mode further includes logic to ~~verify~~ verify that the user is an authorized user.

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34.   (Original) The printer of claim 31, wherein the module to delete the stored conflict attributes includes logic to reinitialize a scheduler after deleting the stored conflict attributes.

35.   (Currently Amended) A computer readable media to control a processor of a printer, the media comprising a plurality of modules to control the processor, wherein the modules include:

a module to initiate a save conflict mode; and

one of a module to store user defined print job attributes in a conflict list while in the save conflict mode and a module to store user defined conflict attributes based on the print job attributes while in the save conflict mode, the conflict attributes including at least one of a̶ ̶p̶o̶l̶i̶c̶y̶a print schedule, a capability and a constraint.

36.   (Original) The media of claim 35, wherein the module to store print job attributes includes logic to save at least one of an enlargement/reduction parameter, an orientation, a simplex/duplex parameter, a sort parameter, a binding parameter, and a fed medium select parameter.

37.   (Original) The media of claim 35, wherein the module to initiate a save conflict mode includes:

logic to receive from a user at least one print job attribute that causes a conflict; and

logic to recognize a user initiated save conflict mode command.

38.   (Currently Amended) The media of claim 37, wherein the module to initiate a save conflict mode further includes logic to v̶e̶r̶i̶f̶y̶ verify that the user is an authorized user.

39.   (Original) The media of claim 35, further comprising:

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a module to receive from a user at least one job attribute that causes a conflict;

and

a module to check the at least one received job attribute against the stored print

job attributes, the modules to initiate and store being operated before the module to receive.

40.   (Original) The media of claim 39, further comprising:

a module to determine whether a conflict condition exists; and

a module to display a conflict message when the conflict condition is

determined to exist.

41.   (Original) The media of claim 40, further comprising:

a module to initiate a delete conflict mode; and

a module to delete the stored print job attributes from the conflict list.

42.   (Original) The media of claim 41, wherein the module to initiate a delete

conflict mode includes logic to recognize a user initiated delete conflict mode command.

43.   (Currently Amended) The media of claim 42, wherein the module to initiate a

delete conflict mode further includes logic to ~~varify~~ verify that the user is an authorized user.

44.   (Original) The media of claim 35, wherein the module to store conflict

attributes includes logic to formulate the conflict attributes based on at least one of an

enlargement/reduction parameter, an orientation, a simplex/duplex parameter, a sort

parameter, a binding parameter, and a fed medium select parameter.

45.   (Original) The media of claim 44, wherein the module to store conflict

attributes includes logic to reinitialize a scheduler after storing the conflict attributes.

46.   (Original) The media of claim 35, further comprising:

a module to receive from a user at least one job attribute that causes a conflict;

and

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a module to check for an itinerary to process a sheet according to the at least one received job attribute.

47.   (Original) The media of claim 46, further comprising:

a module to determine whether an itinerary is unavailable due to a conflict condition; and

a module to display a conflict message when the itinerary is unavailable due to a conflict condition.

48.   (Original) The media of claim 47, further comprising:

a module to initiate a delete conflict mode; and

a module to delete the stored conflict attributes.

49.   (Original) The media of claim 48, wherein the module to initiate a delete conflict mode includes logic to recognize a user initiated delete conflict mode command.

50.   (Currently Amended) The media of claim 49, wherein the module to initiate a delete conflict mode further includes logic to ~~verify~~ verify that the user is an authorized user.

51.   (Original) The media of claim 48, wherein the module to delete the stored conflict attributes includes logic to reinitialize a scheduler after deleting the stored conflict attributes.

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